

ABSTRACT:

The invention relates to a security system for wireless networks, comprising a first portable unit (1) with a memory (3) for storing a worldwide unambiguous key record (4) provided for short-range information transmission of the key record (4). At least one wireless apparatus (2) of the network is provided with a receiving unit (7) comprising a receiver (9) for receiving the key record (4) and an evaluation component (11) of the apparatus for storing, processing and/or passing on the key record (4) or a part of the key record to a second component. Due to the key record, the apparatuses in the wireless network acquire a secret shared key by means of which the encryption and decryption of the transmitted useful data and/or the authentication is performed. In accordance with an optional embodiment of the invention, the key record in the portable unit can be derived from biometric characteristics of a user.

Fig. 1